

GAZOPHYLACII NATURÆ & ARTIS

DECAS SEPTIMA & OCTAVA.

In quâ Animalia, Quadrupeda, Aves, Pisces, Reptilia, Insecta, Vegetabilia, Fossilia & Lapidés Figurâ insignes, Corpora Marina, Stirpes Minerales è Terrâ eruta, &c.

Item Antiquaria, Numismata, Gemmæ excisæ, Lucernæ, Urnæ, Instrumenta varia, Machinæ, Busta, Effigies clarorum Virorum, omniaque Arte producta.

Descriptionibus brevibus & Iconibus illustrantur.

PATRONIS suis & MOECENATIBUS D.D.D.

JACOBUS PETIVER. S. A. S.

Tab. 61. **C**ommon white-veined BUTTERFLY with single A. Fig. 1. Spots, Cat. Topic. & Classific. N°. 7. 13 57. I suppose this to be the Male to Tab. 62. Fig. 4. or at least a Variety. Very common in Fields and Meadows most part of the Summer.

2. Luzone Fern, Cat. 310. The Peculiarity of these Leaves, are to have the upper half only pounc'd.

3. A Luzone Fern with many narrow Segments, wholly pounc'd underneath, Cat. 312. Kam. Ray App. Vol. 3. p. 2. pl. 8.

4. Luzone Harts-tongue with Leaves a Cubit long, an Inch broad, and pounc'd from top to bottom, Cat. 307.

5. Cabcabun Luzonenfibus. Like the last, but with Leaves much shorter, it grows on the Zapotl Trees, Cat. 306.

6. Great flat Mompeliev Button Shell, Cat. 146. The late Dr. Lister brought me this from France. The curious Dr. Sherard has since sent it from Smyrna; its Navel as large as a Curran, and peirces to the Head of the Shell.

7. Spout-mouth'd Condore Button-shell, Cat. 214. The Navel very large and seen to the bottom; its Peculiarity is a hollow Spout in the lower Part of the Shell's Mouth. Mr. James Cunninghame Surgeon sent me this and the next from Pulo Condore. *19th 11th the same & following*

8. Large Emuy Button-shell, Cat. 213. It's bigger and the Twirls more exerted than the last, the Mouth when full grown very callous or Blobber-lip, Mr. Samuel Dunkley procured me this and several other curious Shells gathered by Mr. Andrews at Emuy an Island on the Coast of China.

A. 9. Black-headed Frog-hopper, Cat. 39. This and the Two next are frequent in Gardens towards Autumn, sheltering themselves under the Leaves.

A. 10. Striped Frog-hopper Cat. 40. The middle of the back and tail of this are brown, the rest pale.

A. 11. Pale-headed Frog-hopper, Cat. 38. This and Fig. 9. may be Male and Female, they chiefly differing in the colour of their Heads.

12. Mexican Pistachia. This is a wrinkled Kernel black without, but white and close within, it tastes as pleasant as a Pistachia or Almond. I receiv'd several of these from Father Kamel.

Tab. 62. **F**ine streakt Bugkin, Cat. 24. I have observed A. Fig. 1. this elegant insect in the Woods about Hampstead.

A. 2. Henbane Scarlet Bug, with black Spots, Cat. 23. It's frequently found on this Plant in May and June.

A. 3. Great Female Cabbage Butterfly, Cat. 6. Mus. nost. 825. Very common in Gardens with the next, the Male of this, has no Spots above, only tipt with black.

A. 4. Common white veined Butteryfly, with double Spots, C. 8. This and Tab. 61. Fig. 1. are both coucht under one Name in my Museum N°. 302. and are distinguisht from the common Cabbage ones in having large blackish Veins underneath, which those have not.

5. MADRAS spotted Scallop, Cat. 298. This Bivalve varies much in its Waves and Colour, viz. from pale yellow to sad brown.

6. VIRGINIA Rattle Snake's Tail, Cat. 538. These Rattles are of a Parchment-like Substance, but stiffer and being loosely socketted, causes that Noise when in Motion, it's said they are as many Years old as they have Joyns there.

7. East India Serpent Stone. The applying this Stone is much esteem'd in the Indies as a certain Remedy for the Bite of the Cobra de Capello or Hooded Snake, out of whose Head some affirm this to be taken; but it's more probable, as others have assured me, that it's factitious and said to be

composed of burnt Elephant's Bones, mixt with other Counterpoysons.

8. LUZONE Santol Fern, Cat. 308. Because it grows on that Tree, the Leaves are above 2 Foot long, thick and pounc'd as the former. Kam. Ray 3. App. 2. pl. 24.

9. Rhymdy Fern, Cat. 307. It grows on a sort of Jack or Sop Tree call'd in Luzone Rhymay, the Leaves thin, yet a Yard long, and a $\frac{1}{4}$ broad. Kam. Ray 3. App. 3. pl. 30.

10. Fig Fern, Cat. 316. This is a large Fern with deep cut Leaves, and in many Places with wide Holes through them. It grows on a sort of Fig Trees, which in Luzone are call'd Balete. Kam. Ray 3. App. 3. pl. 29.

11. The Pod of a Malabar Tree call'd Minari, Cat. 394. Described in Mr. Ray's Hist. Plantar. p. 1733. cap. 20.

12. Cuscuta marina, Gulaman Luzon. A Sea Weed very like the Italian Vermicelli, and perhaps as wholesome.

Tab. 63. **T**HE Kernel of a sort of Palm which Mr. James Cunninghame brought me from India, Cat. 396.

2. The Cajou or Cassu Nut, Cat. 387. Ray 1649. cap. 15. The Tree bears a Pear-like Fruit, which has no Seed within but this at top, in this is a Kernel that eats as sweet as an Almond.

3. A Kernel of the Fausel or drunken Nutmeg, Cat. 395. Ray. 1363. cap. 18. The Seamen grate this into Punch instead of Nutmeg which it resembles, to intoxicate or fuddle Strangers, it's called also Beetle-nut.

A. 4. Phalena parva, lutea, perelegans, signaturis fuscis. The pale Part of this is yellow, the rest brown. Mad. E. Glanvill gave me this rare Moth it being the only one I have as yet seen.

A. 5. Small Wasp-Beetle, Cat. 44. Not so big as the next, nor the Sheaths so black.

A. 6. Common Wasp-Beetle, Cat. 43. I have met with this on Nettles but not often; its Back finely streakt with yellow.

A. 7. Great Wasp-Beetle, Cat. 42. The curious Mr. Joseph Dandridge found this rare Insect in his own Yard.

8. Chast-tree Mistletoe, Cat. 399. This is said to be so greata Counter-poyson, that whosoever eats of it, may handle Vipers without danger; Its Leaves grow opposite, are thick, round and smooth; when very young, hoary, the Flowers red, and always 3 together, its Berries small and longish, Kam. Ray App. 3. p. 3. pl. 36.

9. Luzone Trefoil Fern, Cat. 309. Polypodium triphyllum Kameli Ray Vol. 3. App. p. 2. pl. 28. The middle Leaf a Span and an half long, the Two Holes or Ears are thick pounc'd on the under side.

10. Fragrant Luzone Fern, Cat. 317. This has plain Willow Leaves, with seed edged Lists. It's used in Luzone instead of Melilot. Kam. Ray App. p. 2. 10.

11. A small rugged Shell with a sharp Ridge, and a deep furrowed Twirl, Cat. 562. Its Navel small with a Tooth or Knag in the Mouth. Found on the Shores of Jamaica and Barbadoes.

12. A small American Unicorn Shell with Saffron Girdles, Cat. 587. Its Mouth notchd and Nose twisted, the dead Shells are all white.

Tab. 64. **L**ong Scarlet Abrus, Cat. 362. Its Eye at the Fig. 1. broadest End.

Flat round Abrus or Luzone Bahay, Cat. 363. I take this to be the Mansjadi Hort. Malab. Vol. 6. Tab. 14. Ray 1752. cap. 16. The Seeds are wholly Scarlet, and all of so exact a Size, that they weigh Gold with them.

3. An oval rugged Scaly-like Fruit, brought from about Carthage in America.

4. Mediterranean Maw-ball, Cat. 157. It very much resembles the hairy Balls found in the Stomach of black Cattle. Common on the Shores at Leghorn, &c.

2083. A. 5. Darby's Brass Moth, Cat. 18. These Wings are mostly of a greenish Brals Lustre, with brown fields and pale Edges.

X A. 6. The Lantana Moth, Cat. 19. This is distinguished from all others in having a white Mark in each Wing, very like the Greek λ. It's frequent in Gardens in August and September. 1681.

7. A short warty Whelk-shell from Pulo Condore, an Island in the East-Indies, Cat. 236.

X 8. Another from the same Place, somewhat longer and rib'd, Cat. 237. Both brought me from thence by Mr. Cunningham.

9. The Dapo Mistletoe, Cat. 400. From the Bosom of the Leaves which are thick and yellowish grow many roundish speckled golden Berries. Kam. Ray App. p. 3. pl. 34.

10. Finger-leav'd climbing Luzone Fern, Cat. 314. The bottom Leaves are largest and most divided, the Top smaller and less, which Father Kamel says, bears brownish Seed, Ray Vol. 3. App. p. 2. pl. 17.

11. Cone-edged Scandent Luzone Fern, Cat. 315. The Specimen from which this Figure was taken, Father Kamel sent me.

12. A small Scarlet Beetle, with a black Tail, Cat. 203. This elegant Insect Mr. Edward Bulkley sent me from Fort St. George.

Tab. 65. R Uffy Alp-Rose, Cat. 173. On this Shrub grow Galls of divers Sizes and Colours, as white, yellow, bloody and pale red.

2. Woolly Mountain Colts Thistle, Cat. 162. Rises about a Span high, with 2 or 3 Heads at top, on very woolly Stalks, the Leaves serrated, broad and pointed. Grows on the highest Alps near Soglio in Switzerland.

3. A fine mark'd Capricorn Beetle, Cat. 140. It's of a blewish Colour spotted with black; Found in Switzerland by the curious Dr. John James Scheutzer.

X 4. Black-mouth'd Lisbon Snail, Cat. 143. Like Tab. 52. Fig. 11. but that the Mouth of this is black, which perhaps may proceed from its Age. Mr. Fezreel Jones found this about Lisbon.

X 5, & 6. I take these to be the Cover or Stop-hole of the Cochlea calata Rondeletii Aquat. p. 96. or Cagavolo de Mar. Bellonius calls these Umbilici, seu Faba Marina from their Shape. Father Bonanni sent me this from Rome. They are very common on the Mediterranean Shores.

X 7. Curl'd Coralline Alp Moß, Cat. 158. Grows about 2 Inches high, of a grey Colour, with small fleshy Cluster Heads and Stalks.

X 8. Curl-haired Alp Moß, Cat. 159. Dr. Scheutzer found this pretty Moß on Mount Galand in Switzerland.

X A. 9. Small English Tooth-shell, Cat. 82. It's smooth, white, and somewhat crooked with purplish Tips, especially whilst the Animal is in them. I take it to be a sort of Worm-shell, found on our own Shores.

10, & 11. A small Pyramidal or Toplike Shell, found about Mompelien, Cat. 147.

12. Platers White Mountain Crow-foot, with Purple Edges, Cat. 167.

13. A Variety of the last, all white, Cat. 166. Both these are found on the snowy Tops of Mount Septimus in Swinzerl.

14. A polish'd Switz Marble, finely mark'd and spotted, Cat. 177.

15. Alpine Heath-House-leeke, with blew Flowers. Cat. 168. This makes a pretty Show on the Top of the highest Alps, appearing in Flower at the first melting of the Snow.

X Tab. 66. B lunt-tipt Barbary Unicorn, Cat. 419. Mr. Edward Hancock found several of these about Sancta Cruce, but all as it were broken tipt.

X 2, & 3. Small Legorn Gowrykin, Cat. 152. Like our English Nuns but more pointed and both back, and Lips wholly smooth: This new Shell my curious Friend Mr. Robert Ball Merchant, gave me, who had them sent him, gathered on the Shores about Leghorn.

4. Chaff-forked Switz Grass, Cat. 160. This has but few Heads with bifid Tips.

5. Small, bluish, Pearl-grass, Cat. 161. It's like one that grows pretty common about Hampstead-heath.

6. Alpine white Pride. This elegant Plant has very small grey Rofey Leaves like our white-edged London Pride, but 10 times less, its Flowers white and large for the Size of the Herb. Grows almost on all the Helvetick Mountains.

7. Prickley-leaved Alpine House-leeke, Cat. 169. Its narrow Leaves are edged with hairy Prickles, its Flowers 5 leaved, whitish with yellow Bottoms. Grows in stoney Mount.

8. Mountain Milfoil or Musk-Iva, Cat. 164. Herba de

Munt Solienibus, Jura alia. The Inhabitants in Switzerland where this Herb grows, frequently use it in Uterine Cases with good Success, it being of a hot aromatick Taste and Smell.

9. Moss-leaved Alpine yellow House-leeke, Cat. 170. It has a large yellow Flower. Grows on Mount Septimus and divers of the Rhetian Alps.

A. 10. White feathered Moth, Cat. 9. This is an elegant Insect, its Wings being divided into several white downy Feathers, like those under the Wings of small Birds. I have often met with it in Hedges about Midsummer. 1707.

A. 11. Gray feathered Moth, Cat. 10. Not so frequent as the last. 1708.

A. 12. Small marbled Feather Moth, Cat. 11. This is often found as it were hanging on the Stalks of Grass in Woods.

13. A small jointed, Scarlet Water-worm, Cat. 49, & 142. Found in a cold Sulphur Water in Switzerland. I take it to be the same, which I have met with, in divers muddy Ditches about London.

14. A pretty speckled Kidney-Bean from Poland, Cat. 176.

Tab. 67. A N American Perch with black Waves, Cat. 545. Fig. 1. A This by some is call'd an Oldwife, it's 2 Foot long with large Scales, and 5 or 6 blackish Lists from Back to Belly on each side.

2. American Cod-Barbell, Cat. 544. I am told they call this in Carolina a Cat-fish. This and the last were figured from Paintings supposed to be done in the Voyage made by Sir Walter Rawleigh to America.

3, 4, & 5. Are as many Varieties of small Brasil Nerit Shells, which Father Bonan sent me from Rome.

A. 6. Brown Feather Moth, Cat. 12. I figured this and Number 8. from Two in Mr. Dandridges Collections.

A. 7. Fine, many feathered Moth, Cat. 13. This is a very elegant small motled Moth, each Wing divided into about 10 Feathers. I first observed it May 1. 1696. in Mr. Darby's Garden at Hoxton, and since that almost annually in our Physick Garden at Chelsey, about the same Season.

A. 8. Small, brown, Feather Moth, Cat. 14. Somewhat less than Fig. 6. each of the Wings composed of 3 Feathers.

A. 9. The Human Crab or Groin-louse, Cat. 48. Too common amongst the poorer sort of People.

10. Thick set Organ Corall, Cat. 301. Mus. nostri 197. Where you may see the Synonyms of divers Authors.

11. Thin set Organ Corall, Cat. 302. Both these from the East Indies, but this last more rare.

A. 12. Black, flat Mushroom, with white Tips, Cat. 120. I have met with this but not so common as the round sort, found in Gardens.

Tab. 68. A Large, flat baddied China Trumpet Fish, Fig. 1. Cat. 185.

2, & 3. Are a couple of large Slates with the flat Impressions of Fish on them sent me from Dr. Christian Maximilian Spener the King of Prussia's Physician at Berlin.

4, 5, 6, 7, & 8. Are five other Varieties of the small Brasil Nerit Shells figured in the last Table; several of these are very beautiful, and would make fine Ornaments in Rings, or serviceable as Buttons set in Gold, Silver, &c.

A. 9. Wiltshire Star-flint, Cat. 139. This Fossil is represented, as cut, polish'd, and designed for a Snuff-box, its white Stars are opaque, and the Interstices transparent as a Mocha-stone, which it equals, if not exceeds, both in its Singularity and Beauty. Our curious Brother and Botanist Mr. John Nicholls gave me this to figure, with a Peice of the Flint rough.

X 10. A white American Corall, with small Stars, Cat. 598. Frequent on the Shores of Jamaica, Barbadoes, &c.

11. Common American Brain Corall, Cat. 599. So call'd for its likeness to humane Brains. Found very plentifully on the American Shores, especially about the Islands.

X 12. The Mediterranean common thorny Murex, Cat. 150. Frequent in the Levant on the European Shores; It's distinguished from others by its thick, short and furrowed Spikes.

Tab. 69. P Rickley yellow American Bladder Fish, Cat. 548. Fig. 1. The Ground is yellow, all the Streaks very black, the Prickles blewish, Sides rawney, Fins of a reddish brown. Copied from Sir Walter Rawleigh's Paintings with this Inscription, A swelling Fish 8 Inches in length.

2. Sir Walter Rawleigh's Ribbon Snake, Cat. 537. Feligne Indigenis. Some of these are an Ell long; The Savages eat them either roast or boil'd Mfs. The Back yellow, the sides scarlet, spotted with black and white.

3, & 4. A small white Cylinder Shell with a wide Mouth from Fort St. George, Cat. 242.

X 5. Carolina Lattice furrowed, Welsh-pot Shell, Cat. 566. Like our Garden Snail, but Lattice-furrowed and waved with yellow, like our Welsh Pot-ware, its Navel both auriculated and hollow.

6. Willow-leaved Luzone Button Flower, Cat. 342. Kamel Ray Vol. 3. app. p. 4. 15. Grows about a Yard and an half high; from the Bosom of notch'd, long pointed, hairy Leaves, come whitish Flowers out of round green Heads.

X 7. Nettle-leaved Luzone Button Flower, Cat. 343. Ray Kamel 4. 13. Like the last but more hoary and climbing, its Flowers set in a 4 leaved Calyx or Cup.

A. 8. The greater Chimney-sweeper, Cat. 15. This is a very black Moth with white ript Wings; I first observed it about Hampstead A. D. 1695. in Meadows, and since that in divers the like Places pretty common.

A. 9. Small Chimney-sweeper, Cat. 16. Much less than the last, found in Cain Wood, about the beginning of May, flying about Trees.

A. 10. Small English Cochineel, Cat. 25. The Ground of this little Beetle is black with 4 red Spots. I have observed it in Sept. on Rose Bushes, with the small Cow lady.

A. 11. Common green Cantharis, with golden Specks, Cat. 22. Frequently met with in gravelly Paths about Hampstead and other Heaths from May till Midsummer, they soon take Wing and are not easily caught.

12. An elegant hairy Catterpillar, lent me some Years since from Guinea by Mr. Edward Barta, Cat. 408.

13. Rawleigh's American Tawney Scink, Cat. 536. Memelklon Indigenis. A Foot in length Mfr. Its Head flesh coloured, the rest tawney.

Tab. 70. X 1. THE Toddy Fly, Cat. 559. Mus. Reg. Societ. 162. Fig. 1. X So call'd from the Milchief they do to that Tree, 30 or 40 of them together, sawing thro' the Bark by the Help of their Snout-horn, will make themselves drunk with the Liquors that flows down, and so are taken. Mr. William Steward Surgeon caught this in Martinico they are also frequent in Guinea.

A. 2. Small furrowed Water Beetle, Cat. 33. This and the next are seen in Ponds, from April till Midsummer. The Shell-wings of this are furrowed.

A. 3. Small smooth Water-Beetle, Cat. 32. I take this and the last to be Male and Female.

A. 4. Small, black, shining Water-Beetle, Cat. 31. It differs from the last chiefly in colour.

5. Twin-forked Indian Stag-Beetle, Cat. 205. This Beetle Dr. Sloan had presented him from the East Indies by Mr. Goff. 4629.

6. Goff's Indian green Long-Beetle, Cat. 204. From the same Place and Person. This is somewhat smoother than Gazoph. nost. Tab. 20. Fig. 8. having its Edges a little well-red, and its Shoulders resembling the Snap-Beetle Kind.

A. 7. Small Buff-Leopard, Cat. 17. This pretty Moth is of a Buff Ground spotted with black: I have often met with it in Cain Wood about May. 1516.

A. 8. Water Cricket, Cat. 46. This is a slow creeping Insect found at the bottom of Ponds amongst the Weeds: I take it to be a sort of Hexapode or Grub which produces the Water Libella or Adder-bolts.

X 9. The large Barbadoes Magpye Top-shell Cat. 584. Its pretty equally mixt with black and white. Frequent on the Shores of that Island, Jamaica, and others thereabouts.

X 10. Luzone Musick-shell, Cat. 247. This is much larger and waved, without either Girdles or Points, by which it differs from the American kind.

X 11. Jamaica Wart-shell, Cat. 564. Dr. Sloan brought this alive from Jamaica, and gave it to Dr. Lister, who kept it alive a whole Summer in his Garden at Westminster.

12. Cochine branched Comb Fern Cat. 305. This is one of the most elegant amongst the numerous Tribe of Capillaries. We are obliged to the Inquisitive Mr. James Cunningham who first discovered this and sent it to me from Cochinchina. A. & B. represents its first Shootings towards Flowering.

Tab. 71. B Lack Madras Beetle-Bug, with white Spots. Fig. 1. B Cimici affinis niger, maculis ochroleucis elegantior notatus e Madraspatan Phil. Transact. n. 271. p. 861. n. 22. Its Sheaths are black and velvety, with 3 yellowish white Spots on the outer, and one on the inner Edges of each Wing. 4588.

2. White Indian Comb-chaffer, Cat. 207. The Singularity of this Insect is, its being white as if covered with Chalk.

3. Small Carolina Steel-Beetle with a yellow girdled Back and Neck, Cat. 561. Phil. Transact. n. 271. p. 814. n. 49.

4. Small yellow Carolina Turtle-Beetle with transparent Edges, Cat. 561. Phil. Trans. n. 271. p. 814. 30. These 2 last Mr. Edmund Bohun was pleased to send me with divers other curious Insects from Carolina. 4644.

5. A hard oval Fruit with Seed holes round its Surface, Cat. 605. Found on the Shores of Jamaica, &c.

6. A blew flowered tripetalous Plant, with Lilly Leaves and Kernelly Roots call'd in Luzone Bitoon Kam. Ray H. Plant. Vol. 3. app. p. 3. pl. 7. Car. 386.

7. A thick woolly leaved Luzone Plant, whose Bran-

ches spread on the Ground, with a small yellowish Flower, and 4 pale hard rugged Seed set close together. Kamel Ray Vol. 3. app. p. 4. pl. 14.

8 & 9. Small striated Virginia Button-shell, with a three-toothed Mouth, Cat. 563. Phil. Trans. n. 246. p. 395. 6.

10 A flat buttoned Jamaica-shell, with double Teeth, Cat. 563. This has a hollow Navel, which distinguishes it from another that has none, from the same Island.

X 11. Radiated Providence Muscle. Cat. 588. Mr. John Graves Her Majesty's Collector of those Parts, brought me this Shell from that Island.

X 12. A hard reddish veiny Wood from the Philippine Isles, sawed broad ways, it's finely speckled and would prove very ornamental inlaid on Scrutores, Cabinets, &c. an Luzong and Bahil Luzonensibus Kamel. Ray H. Pl. Vol. 3. app. p. 45. 5.

X 13. Mexican sweet Wood. Cat. 607. Agallochum s. Lignum Aloes Mexicanum Kamel Ray Vol. 3. app. p. 87. 1. This is a pale coloured Wood with brownish Clouds, it has a very fragrant Smell especially if chewed. F. Kamel sent me this and said it came from Mexico.

Tab. 72. H Oary spiked Luzone Adhatoda, Cat. 358. Its Fig. 1. H Flowers small, purplish, and of the Shape of Betony growing out of a hoary Spike. Kam. Ray 3. ap. 4. pl. 1.

2. A flat spiked Luzone Adhatoda, Cat. 355. Differs from the last in having its Leavey Tufts smooth and flat, Kamel Ray 3. p. 4. 2.

3. Rhamnus Capensis fol. comâ confertis, fl. purpureis. These Leaves grow in Tassels, short and thick, its Flowers purple, each Branch ends in a Thorn.

4. Eadem Fl. obsoleto. This differs from the last in having a dull coloured Flower. Both these Mr. Holt the Bishop of London's Gardener gave me the Paintings of, which he made from Plants growing in my Lord's Garden.

A. 5. Pale Boat Fly, Cat. 35. The Sheaths are yellowish, this and the 2 next, are found in many Ponds about London.

A. 6. Common pied Boat Fly, Cat. 36. Tho' these are very common, they are the most beautiful of all I have seen.

A. 7. Common Boat-Bug, Cat. 37. So call'd from their Flatness, the 2 former being ridg back'd.

A. 8. Great smooth Water-Beetle, Cat. 29. This is Male to the next. Common in the Spring, in divers muddy Ponds about London.

X A. 8. 1. Great, streakt Water Beetle, Cat. 30. This is the Female. 925. LXXXIX.

X A. 9. Small, smooth Water Beetle, Cat. 34. Its Back blackish and shining. I first observed it in a Pond at Kentish Town. 926. LXXXIX.

X A. 10. Right-nosed Limington Fossile Oyster, Cat. 79. It's flatter than the next, and found more sparingly.

X A. 11. Left-nosed Limington Fossile Oyster, Cat. 80. I take this to be the lower valve, being more hollow and thicker, the Impression of its growing to the Rocks, being frequently seen. I could never meet with either this or the last in pairs.

X A. 12. Limington Curl'd Cockle, Cat. 73. These are found of all Sizes from that of a Nutmeg (which are the most common) to the Smallness of a Cherry-stone, and often in pairs. These 3 and divers other very curious Fossils I found in a high clay Bank on the Sea side between Limington and Christ-Church in Hawtshire.

A. 13. Pin-headed pendant Mushroom, Cat. 116. This grew to the under side of a Rose Leaf, and was presented me by the curious Mr. Joseph Dandridge.

Tab. 73. M Vitulus Garnleite albus, parvus, temeriter can- A. Fig. 1. M cellarius. Frequent on the Garnsey Shores.

X A. 2. Limington Spindle Fossil, Cat. 109. A very rare Shell, and the only one I could find after a diligent Search for several Hours.

3 Small Smyrna Ribwort, with hairy Grass Leaves, Cat. 325. The Plant no bigger than the Figure.

X 4. Small, round wing'd, Smyrna Rusty Fern, Cat. 320. The Leaves very small, hoary, and underneath wholly rusty.

5. Smyrna Club-rush, with crooked Heads, Cat. 325. These come 2 or 3 out of a Sheath. This, the next, and the 2 last, all very elegant Plants, Dr. Sherard, that curious Botanist, sent from Smyrna to me and other Friends.

X 6. Dwarf Smyrna Adders-tongue, with short Grass Leaves, Cat. 321. Dr. Sherard says, you shall hardly find one Plant in 1000 larger than the Figure of this.

X A. 7 & 8. Small Limington Fossil Whelk, with a furrowed side, Cat. 88. I have received the live Shell from the East Indies.

X A. 9. Small, latticed, Limington Whelk, Cat. 9. I have a Shell very like this from the East Indies.

X 10. Marbled Smyrna Purr, Cat. 300. A beautiful Bivalve finely latticed and marbled, brought me thence by Mr. Stewart Surgeon.

X 11. Feather tail'd Smyrna Adderbolt, Cat. 199. The Singularity of this beautiful Fly, is in having its under Wings to very narrow and long. 4589.

12. Yellow

4536. **X** 12. Yellow *Smyrna Butter-bolt*, Cat. 200. This elegant Insect has the Horns of a *Butterfly*, but Wings like an *Adder-bolt* part transparent, the rest yellow and dark brown.
4533. **X** 13. Jamaica *Ox-eye Bean*, Cat. 604. This is the Seed of the *Mucuna* or great *Cow-itch*, and are often used for Buttons. Tab. 74. **M** 14. *Arbled Jamaica Murex*, with knotty Twirls, Fig. 1. Cat. 579. I have seen few less than this but many much larger.
- X** 1. A Fruit from *Guinea* call'd *Cole*, Cat. 533. Two or three of these eaten in a day, prevents Hunger, *Clus. Exot.* l. 3. p. 64. Fig. 5. Ray 1774. c. 3. pl. 1.
- X** 2. *Mullepede Indian Worm*, Cat. 191. Differs from the great *Scolopendria* in being round. Mr. *Cunningham* brought me this from the *East-Indies*, I have them also from *America* but somewhat less.
- X** A. 4. A common *Water Scorpion*, Cat. 47. *Monthly Miscell.* Vol. 3. p. 241. 6. Found under Water by Pond sides.
- X** A. 5. A common *Earwig*, Cat. 26. *M.M.* 3. p. 236. 52. A Pest in Gardens to *July-Flowers* and others.
- X** A. 6. A Pipe of small Eggs encompassing a *Pear-tree Stalk*, C. 50.
- X** 7. A Tobacco Pipe used by the *Kings of Carolina*, Cat. 608.
- X** 8. *Bucabucas* or *Luzone Hop-headed Adhatofia*, Cat. 357. Out of these scaly-leaved Heads, come small blew Flowers with a pointed Husk in which are little hard *Kidney Seeds*.
- X** 9. An elegant rugged Shell, with flat Lips and a very small Mouth; from *Pulo Condore*, Cat. 238.
- X** A. 10. A blackish Stone with *Alabaster Spots*, Cat. 130. I found several of these on a small Island at *Pool* in *Dorsetshire*.
- X** A. 11. Great, black Female *Water Beetle*, Cat. 28. *M.M.* 3. p. 229. 1. These are not common about *London*.
- X** A. 12. Great, black, Male *Water Beetle*, Cat. 27. *M.M.* 3. p. 229. 2. Differs from the last in having a *Lancet* like Protuberance near the End of its Fore-feet. Dr. *Middleton Massey*, a very curious Physician, observed these about *Wistitch*. Tab. 75. **A** 13. *White Indian Rhomb-shell* finely speckled with black, Cat. 256. The Reverend Mr. *George Lewis* sent me this from *Fort St. George*.
- X** A. 2. Crack'd *Barnstable Limpet*, Cat. 112. Found about that Town, it's a pretty small white latticed Shell, with a Flaw on the Edge.
- X** A. 3. *Hartle-pool Horn Limpet*, Cat. 111. Common thereabouts, it's thick, flattish, of an amber Colour, and somewhat transparent.
- X** A. 4. Small latticed *Whelk*, Cat. 86. Found frequently amongst *Cockles* in Garden Walks.
- X** 5. Small *Unicorn-shell*, with rugged Twirls and Waves between, Cat. 260.
- X** 6. Another, with Twirls half smooth, the rest streakt, C. 261.
- X** 7. A black *Luzone Ant* call'd *Hantic*, with open Pincers, Cat. 210.
- X** 8. A Leaf of the *Cacao* or *Chocolate Tree*. A.B.C. its Bud and Flower, D. the Fruit, and E. the *Kernels*, of which the *Chocolate* is made, Ray H. Pl. 1670. c. 8. & app. 62. 7.
- X** 9. The *Cochineel*, that part of it as its used in Physick and dying. F. its *Chrysalis* or *Coffin*, G. The *Beetle* in its perfect State. Cat. 558.
- X** 10. *Jamaica Button-shell*, Cat. 567.
- X** 11. *Carolina Freckled Crab*, Cat. 540. Brought me from thence by Mr. *John Graves*, it's finely netted and speckled with white and red.
- X** A. 12. *Cornwall Purp*, Cat. 64. First sent me thence by Mr. *Charles Dell*.
- X** Tab. 76. **F** 1. Fine Hair-girdled white *Orchney Moon Cockle*, Cat. 66. Mr. *William Clerk* Surgeon brought this with other Shells, &c. from those Isles.
- X** 2. *Carolina Razor-bill*, Cat. 541. I should be glad to see the whole Bird.
- X** 3. A *Luzone Capricorn* with furrowed Sheath-wings, C. 201.
- X** 4. The Case of a pretty small *Turtle* from *Smyrna*, Cat. 190.
- X** 5. A rare *Luzone-shell* with its Mouth to the right, Cat. 224. Its Waves brown, the rest yellow and white.
- X** 6. A large flattish *Button-shell*, with a deep Navel and callous Mouth, given me by Mr. *Ayrey*.
- X** 7. A striated, yellowish, Star-knotted *Coral*, Cat. 303.
- X** 8. A white star-beamed knotty *Coral*, Cat. 304.
- X** 9. *Grus Capensis fulca*, capite aureo galeato.
- X** 10. A *Luzone Capricorn* with short-lined Sheaths, Cat. 202.
- X** 11. A prickle-tail'd *Luzone Cricket* with its Grub, Cat. 111.
- X** 12. *Petty*. A brass Coin current in *Batavia*, *Java*, &c. Tab. 77. **A** 1. Long Cone or *Juli* of a *Malabar Palm*, on whose Leaves they write with a Pin, Cat. 397.
- X** A. 2. Large *Limington Whelk*, Cat. 108. Some of these weigh half a Pound, and are 8 Inches about.
- X** 3. *Cape Fig-Marygold*, with a purplish Flower and yellow middle, Cat. 481.
- X** 4 & 5. Two different Impressions of *China Inck Cakes*.
- X** A. 6. *Limington Bottle Whelk*, Cat. 107. This is one of the largest Size, it gradually lessens from 4 Ounces to 10 Grains.
- X** 7 & 8. A small *Silver Indian Coin*, with Characters on one side only.
9. *Cape Purple Fig-Marygold*, with hairy tipped Leaves, C. 484.
10. Yellow, *Cape Fig-Marygold*, with a whitish bottom, Cat. 482.
- X** 11. *Drum Stones*, Cat. 550. Mr. *Thomas Preston* Surgeon tells me, one of these lye on each side the Head of that Fish, which is common on the Coasts of *Maryland* and *Virginia*.
- X** 12. Another Stone supposed to be found in a sort of *Cod-fish*, Cat. 549. *Insects* 512.
- X** 13. *China Caltrop*, a strange shining black horned Fruit, elegantly wrinkled as if carved or wrought.
- X** A. 14. Long hairy leg'd *Home Spider*, Cat. 45. Mr. *Westbrought* me this from *Islington* caught in a House there Aug. 4. 1706. Tab. 78. **B** 1. *Brown Luzone Butterfly* with greenish Spots, Cat. 196. This elegant Fly and its Delineation Father *Kamel* sent me. 4078.
- X** 2. Yellow, *Cape Fig-Marygold* with a light notchd Leaf, Cat. 483. It's glaucous and triangular.
- X** 3. Straw flowered, *Cape Fig-Marygold* with a horned Calyx, Cat. 485.
- X** A. 4. *Limington Worm-shell*, Cat. 83. Some of these that are whole, are much longer than the Figure and end sharper.
- X** 5. A small *Luzone Crab* with a large right Claw, Cat. 189. These burrow in holes on the Shore.
- X** 6. *China Silver-tail*, Cat. 186.
- X** 7. *China Gold-tail*, Cat. 187. Fish brought thence alive.
- X** A. 8. Rib-weltd *Limington Tellen*, Cat. 58. I have a Bivalve like this from *Jamaica*.
- X** 9. *Saffron*, *Cape Fig-Marygold* with roundish Leaves, C. 480.
- X** 10. White, *Cape Fig-Marygold* with *Houle-leek* Leaves, Cat. 478. All these *Fig-Marygolds* in this and the last Table Mr. *Gardner* of the *Temple Garden* gave me in Flower, about the beginning of *June*, A. D. 1706.
- X** A. 11. *Limington Thorney-ribs*, Cat. 106. A sort of *Fossil Murex*, of which this is about the middle Size, the smaller are the most plentiful.
- X** A. 12. Flat *Limington Unicorn*, Cat. 113.
- X** A. 13. Round *Limington Unicorn*, Cat. 114.
- X** Tab. 79. **L** 1. Long slender *Luzone Centipes*, Cat. 192. It's a Span long, yellowish, with a brown Head, and has near 100 Feet on each side.
- X** 2. A small *Silver Coin*.
- X** 3. *Surat Cats-eye*, sent me thence from Dr. *Waldoe*. I take it to be part of a Shell polishd.
- X** 4. A sort of *Gum Succory* with hoary *Primrose* Leaves and yellow Flowers. *Sambongcala Luzone*, Cat. 326. *Kam. Ray* 3. App. 5. pl. 3.
- X** 5. *Tabataba coxan Luzon*. Bears a blew thrummy Flower, with Leaves like the last, spreading on the Ground, Cat. 327. *Kam. Ray* 3. App. p. 3. pl. 5.
- X** A. 6. *Blobber-tipt Edinburgh Whelk*, Cat. 85. These are found on the Shores of *Leigh* near that City.
- X** A. 7. *Harwich Grater Cockle*, Cat. 60. Found in those Cliffs.
- X** 8. *Singandacat Luzon*. Bears a small blew threddy Flower on Mountains, Cat. 329. *Kam. Ray* App. 3. pl. 3.
- X** 9. *Arulatang Luzon*. A sort of *Succory* with a small blew Flower and *Primrose* Leaves, Cat. 328. *Kam. Ray* App. 3. pl. 2.
- X** A. 10. Long *Pierce-stone* or *Pholade*, Cat. 74. These frequently work themselves into large Clay stones, and there live.
- X** A. 11. Short *Pierce-stone*, Cat. 75. Like the last, but broader and not so long.
- X** A. 12. Broad *Pholade-Muscle*, Cat. 77. A broad flattish smooth Shell, open at one end.
- X** A. 13. Furrow-rib'd *Pholade-Muscle*, Cat. 76. The better part of each Valve is rugged the other smooth, parted by a Furrow.
- X** 14. *Carolina Salamander*, Cat. 535. Much less than our European Kind, and is only spotted.
- X** Tab. 80. **A** 1. A sort of *Globe Amaranth* with a scarlet and sometimes white Flower, Cat. 340. *Kam. Ray* 3. App. 4. pl. 8.
- X** 2. Salt-speckled *Gowry*, Cat. 278. From the Resemblance of its Spots.
- X** 3. *Luzone Steeple Fern* with lifted Seed-edges, Cat. 318.
- X** A. 4. A *Fossil Bivalve*, found in a Strata or Bed of Shells, at the West end of *Woolwich* in *Kent*, Cat. 61.
- X** A. 5. Another found about *Maidstone* in *Kent*, given me by Mr. *John Bagford*, Cat. 62.
- X** A. 6. This *Fossil Sr. Robert Sibbald* sent me from *Scotland*, C. 59.
- X** 7. *Concha Veneris parva, maculata, ventre purpureo*. This is known from all others, its belly being wholly purple.
- X** 8. *Jamaica Buff Gowry* with a purple Mouth, Cat. 585.
- X** 9. *Indian speckled, Starling Gowry*, Cat. 279. A Shell not common.
- X** 10. Small white rib'd *Barbadoes Limpet*, Cat. 583.
- X** 11. *Barbadoes Thimble Limpet*, Cat. 580.
- X** 12. Wart-rib'd *Barbadoes Limpet*, Cat. 581.
- X** 13. *Tagolina Luzon*. A Sowthistle with purple Flowers. Cat. 330. *Kam. Ray* 3. App. p. 3. 8.
- X** 14. *Luzone Dwarf Spurge*, Cat. 378. The Juice good in Fluxes, Vomiting, Bleeding, &c. *Kam. Ray* 3. App. p. 5. pl. 10.

